Docket JP920000280US1

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IN THE CLAIMS

Please amend the claims as follows:

1.   (previously presented) A method of detecting one or more zombie global breakpoints for debugging computer software, said method including the steps of:

checking a breakpoint data structure to determine if the data structure has an entry for a breakpoint known to a debugging process for a certain address where a breakpoint fired;

if no entry is found by the checking of the data structure for the entry for the known breakpoint, verifying if a breakpoint condition continues to exist at the address where the breakpoint fired; and

if said breakpoint condition does not exist, identifying said breakpoint as a zombie breakpoint.

2.   (original) The method according to claim 1, wherein said verifying step includes the step of checking that a special breakpoint instruction exists at said address, being the exception location.

3.   (original) The method according to claim 1, wherein said verifying step includes the step of checking that an illegal breakpoint instruction exists at said address, being the exception location.

4.   (original) The method according to claim 1, wherein said verifying step includes the step of checking that said address, being the exception location, is present in a special debug register.

5.   (original) The method according to claim 1, wherein physical settings for causing a breakpoint exception at a particular location are detectable from a breakpoint handler.

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